

# SABIT GROUP PROGRAM

OIL REFINING

AUGUST 13 - SEPTEMBER 10, 2005

# **PROGRAM TOPICS**

# **Processing Technologies**

Crude Quality and Type

Separation

Fractional Distillation

Conversion

Fluid Catalytic Cracking

Hydrocracking

Coking

Combination

Alkylation

Etherification

Polymerization Reformulation

Catalytic Reforming

Isomerization

Treating

Hydrotreating

Blending

# **Products**

Petroleum Gas

Naptha or Ligroin

Gasoline

Kerosene

Gas Oil or Diesel Distillate

Lubricating Oil

Heavy Gas or Fuel Oil

Residuals - coke, asphalt, tar, waxes etc Refining Economics

High Performance Fuels

### **Product Distribution and Storage**

**Pipelines** 

Tank Farms **Terminals** 

# **Engineering and Construction**

Refinery Design

**Distillation Columns** 

**Chemical Reactors** 

Reboiler Condenser

Vacuum Columns

**Computer Automation** 

# **Operations**

**Production and Capacity** 

Optimization

**Higher Complexity** 

**Process Monitoring and Controls** 

Instrumentation

Communication Networks

Maintenance and Reliability

#### **Environmental & Regulatory Issues**

Environmental

Federal, State and Local

Health and Safety

Waste Treatment

Water Purification

### **Economics and Management**

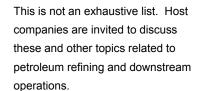
Risk Management

Financial Operations and Planning

Project Management and Feasibility

**Human Resources** 

**Business Plans** 



For more details on specific interests, or to learn how you can participate, please contact:

# Benjamin Chapman

(202) 482-6492

Benjamin Chapman@ita.doc.gov

